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AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An ice supply system of a refrigerator, comprising:

an icemaker for producing ice using cool air of the freezer;

a container-provided at a door-enabling to be inserted into or withdrawn from the door 100 by being slid when the door is closed, the container being insertable into and detachable from a door of the refrigerator, the container comprising:

an open top;

a first opening provided at on a side of the container;

a transfer device for rotating and transferring ice to the first opening; and

an outlet for discharging ice[[.]];

a crusher for crushing ice transferred by the transfer device; and an ice discharger fixed at located on the door for controlling an opening and closing amountadjusting a size of an opening of the outlet, the outlet being communicated with an ice chute provided at within the door.

2. (Currently Amended) The ice supply system of the refrigerator of claim 1, wherein the icemaker is provided at located adjacent to the door.

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3. (Currently Amended) The ice supply system of the refrigerator of claim

1, wherein the icemaker is provided in the freezer.

4. (Currently Amended) The ice supply system of the refrigerator of claim

1, further comprising a guide provided at on the door for guiding a movement

of the container so as to slide-insert the container into the door smoothly.

5. (Currently Amended) The ice supply system of the refrigerator of claim

1, wherein the crusher is formed as a one piece provided at and is located on

the door.

6. (Currently Amended) The ice supply system of the refrigerator of claim

5, wherein the crusher comprises:

a housing provided at located on the door, the housing and having a

second opening provided at a side thereof to face the first opening;

a crushing member provided in within the housing, the crushing member

being coupled with the transfer device when the container is inserted into the

door, and crushing ice using at least one rotary blade; and

a motor provided at the door and pivotely coupled with the crushing

member.

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7. (Currently Amended) The ice supply system of the refrigerator of claim

6, wherein the crushing member comprises:

a shaft coupled with the motor, and rotated the shaft being rotatably and

pivotely-coupled with the transfer device when the container is inserted into the

door; and

a supporter provided in the housing for supporting the shaft, through

which the shaft rotatably passes passing through the supporter; and,

the at least one blade being coupled with the shaft for crushing the ice

transferred into the housing.

8. (Original) The ice supply system of the refrigerator of claim 7, wherein

the shaft comprises a groove and the transfer device comprises a projection

inserted into the groove.

9. (Currently Amended) The ice supply system of the refrigerator of claim

1, wherein the ice discharger comprises:

an actuator operated in accordance with a signal of a controlling

member; and

a shutter moved by the actuator for controlling the opening and closing

amountadjusting the size of the opening of the outlet.

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10. (Currently Amended) The ice supply system of the refrigerator of

claim 9, wherein the ice discharger discharges ice crushed by the crusher to

the ice shutter when the shutter slightly opens the outlet and the ice

discharger directly discharges ice stored in the container when the shutter

completely opens the outlet.

11. (Currently Amended) The ice supply system of the refrigerator of

claim 1, wherein the crusher is provided at located on the door, and the

container and the crusher is formed as two pieces pivotely coupled with each

other.

12. (Currently Amended) The ice supply system of the refrigerator of

claim 11, wherein the crusher comprises:

a first housing provided in located on the door and, the first housing

having a second opening provided at on a side of the first housing to face the

first opening;

a first crushing member provided in the housing and crushing ice using

at least one rotary blade of the first crushing member;

a second housing provided adjacent to the first opening in the container

adjacent to the first opening;

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a second crushing member provided in the second housing for being

pivotely-coupled with the transfer device, pivotely-for being coupled with the

first crushing member when the container is inserted into the door, and

crushing ice using at least one rotary blade of the second crushing member;

and

a motor provided at the door and pivotely coupled with the first crushing

member.

13. (Currently Amended) The ice supply system of the refrigerator of

claim 12, wherein each of the first and second crushing members comprises:

a shaft pivotely being coupled with and rotated rotating together with the

motor or the transfer device; and

a supporter provided to support the shaft in each of the first and second

housings through which the shaft rotatably passes; and,

the at least one blade being coupled with the shaft-and rotated, the at

least one blade rotating for crushing the ice transferred into the first and or

second housing.

14. (Currently Amended) The ice supply system of the refrigerator of

claim 13, wherein the shaft of the first crushing member comprises a groove

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provided at in a side thereof and the shaft of the second crushing member comprises a projection inserted into the groove.